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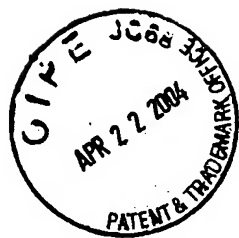
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TITLE: METHOD, APPARATUS AND SYSTEM
FOR HIGH-SPEED TRANSMISSION ...
INVENTOR: AGAZZI
APPLICATION NO.: 10/713,449,
CONF. NO. ; DOCKET NO. 13449US06
ATTORNEY: JAW, PHONE: 312-775-8000

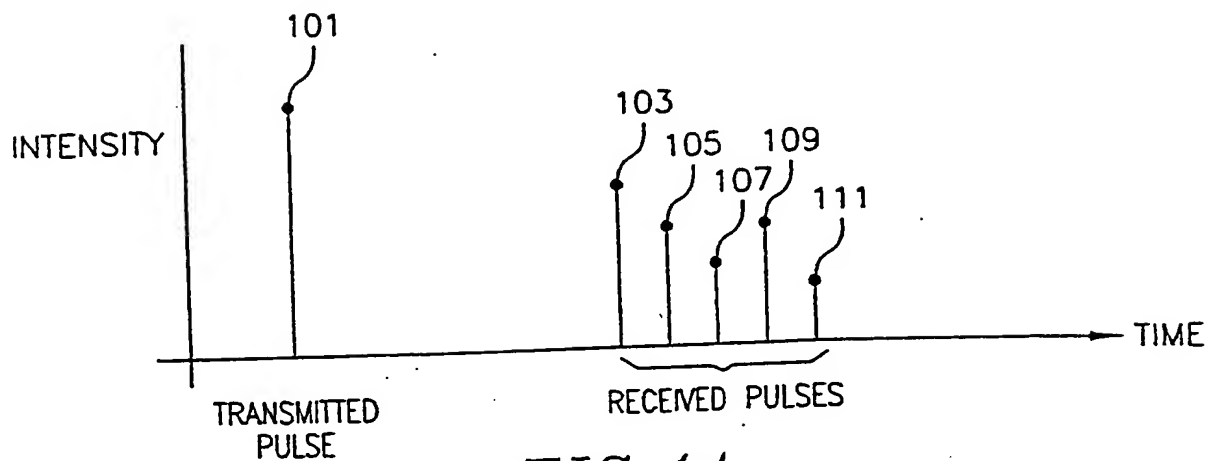


FIG. 1A

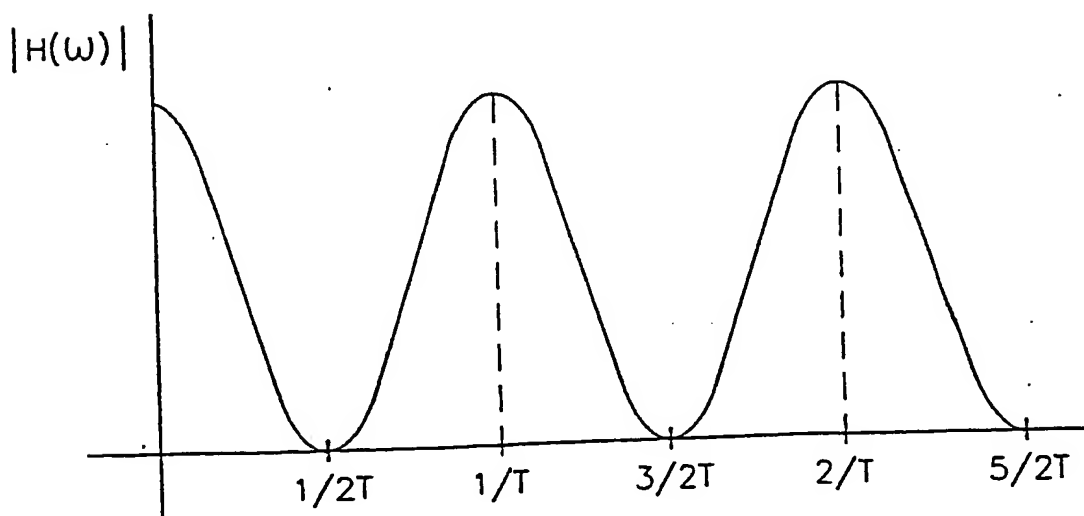
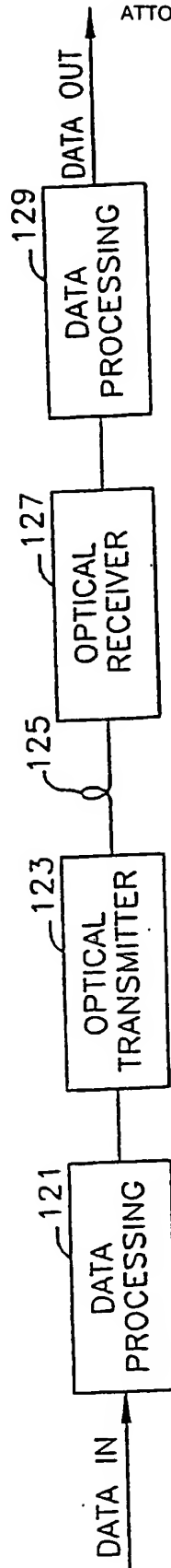


FIG. 1B



FIG. 1C



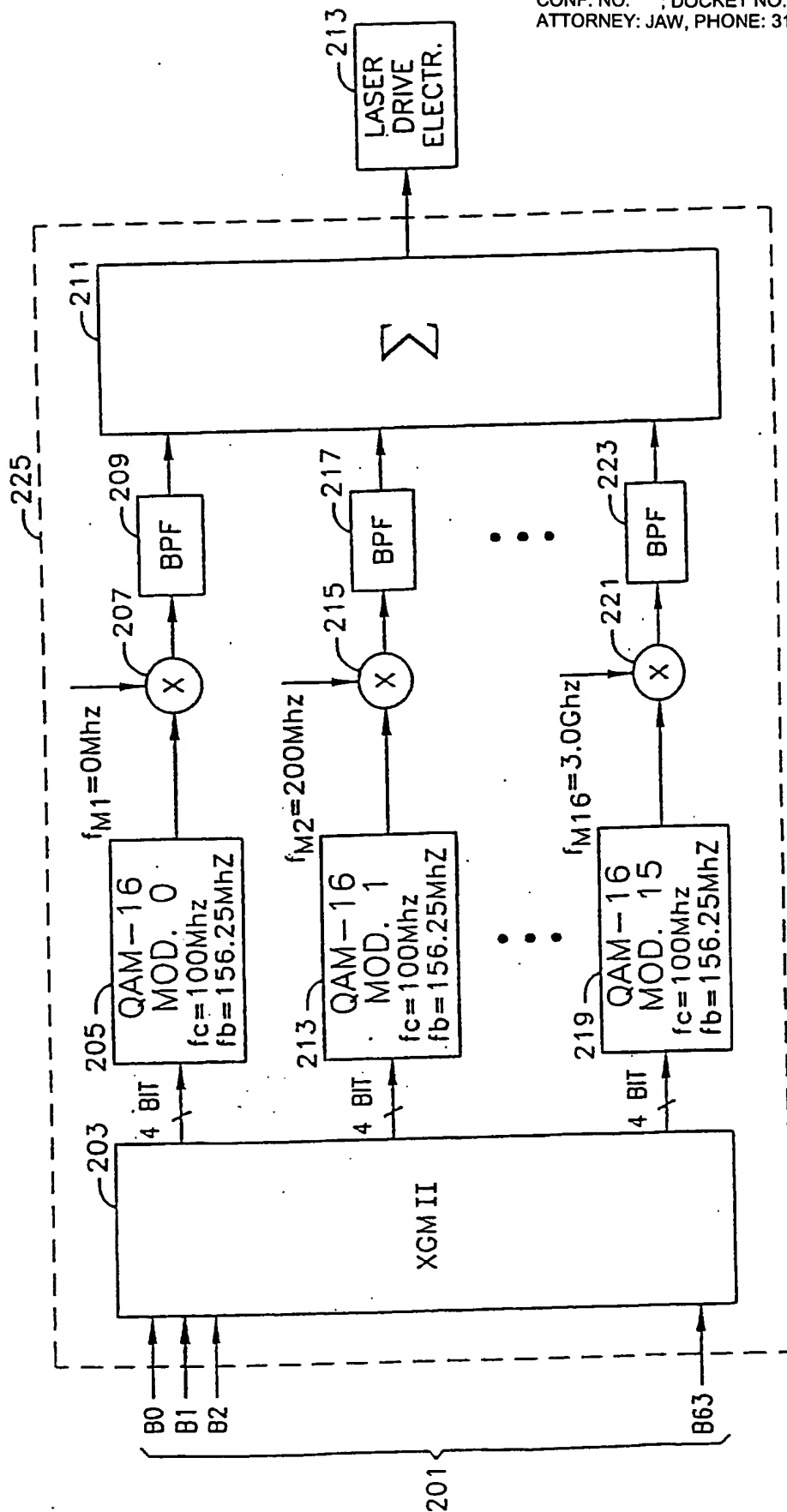
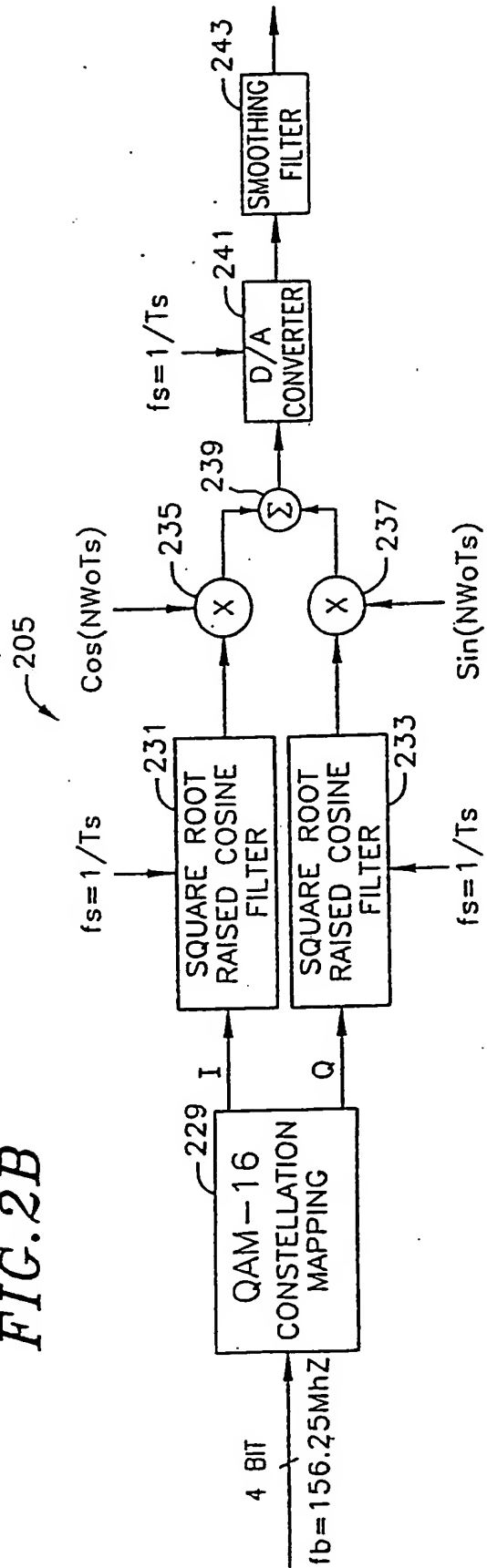
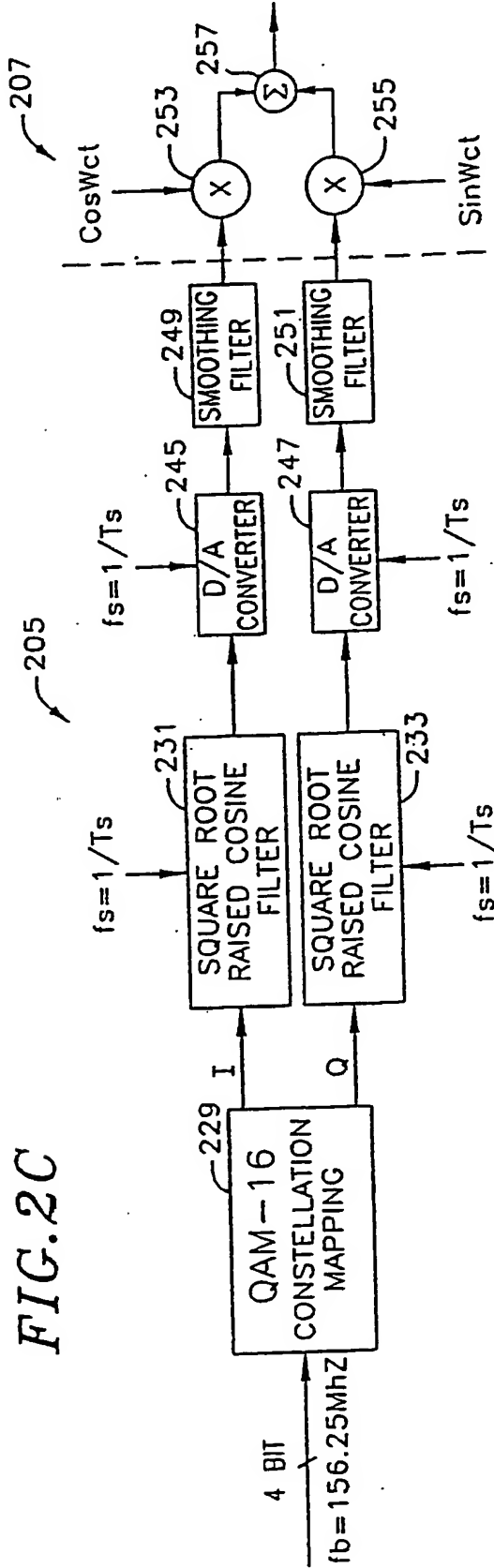


FIG. 2A

FIG. 2B



$T_s = \text{SAMPLING PERIOD}$
 $\omega_n = 2\pi f_s = \text{DIGITAL CARRIER ANGULAR FREQUENCIES}$



T_s = SAMPLING PERIOD FOR DSP BLOCKS
 $W_n = 2\pi f_s$ = DIGITAL CARRIER ANGULAR FREQUENCIES

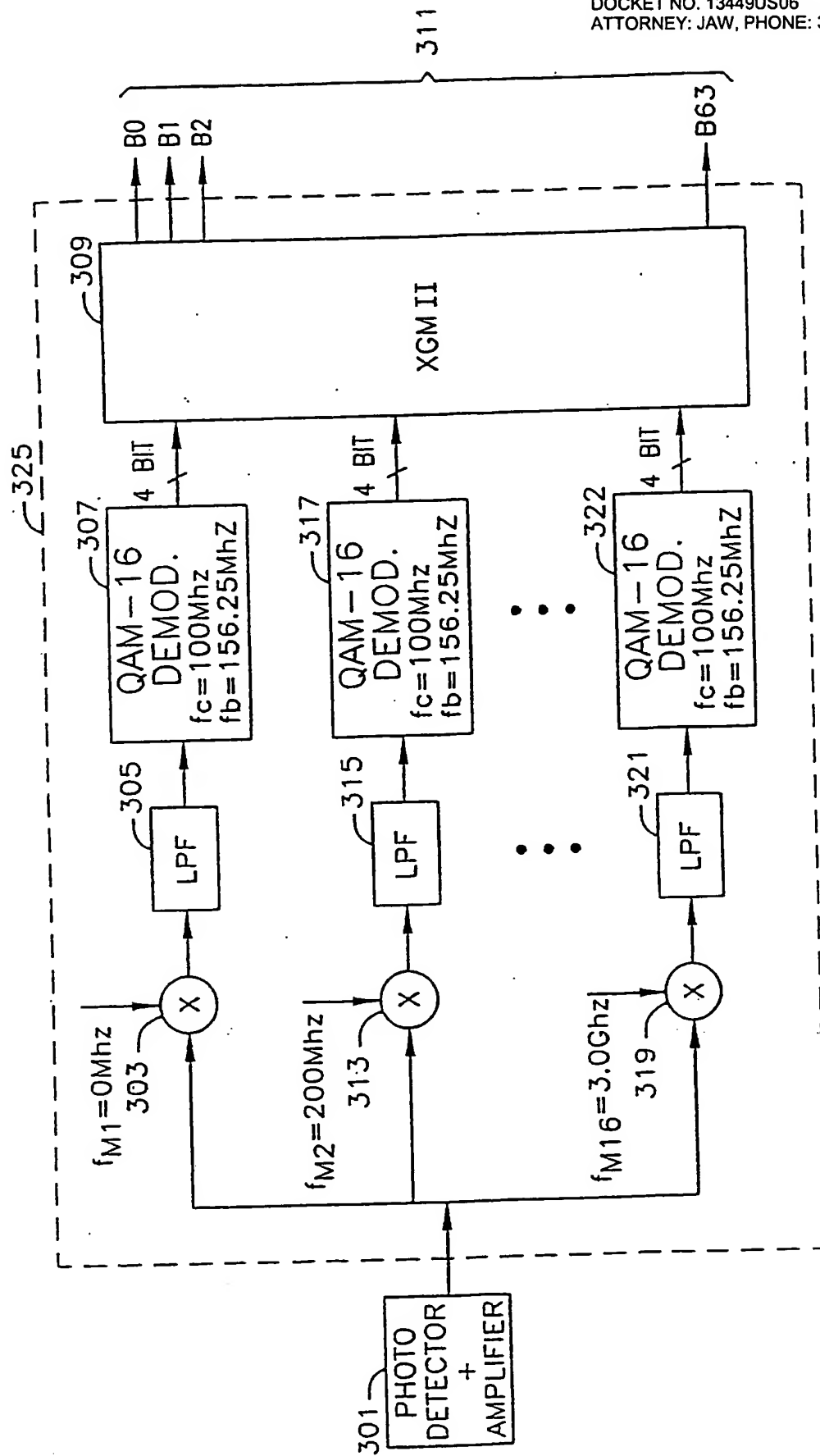


FIG. 3

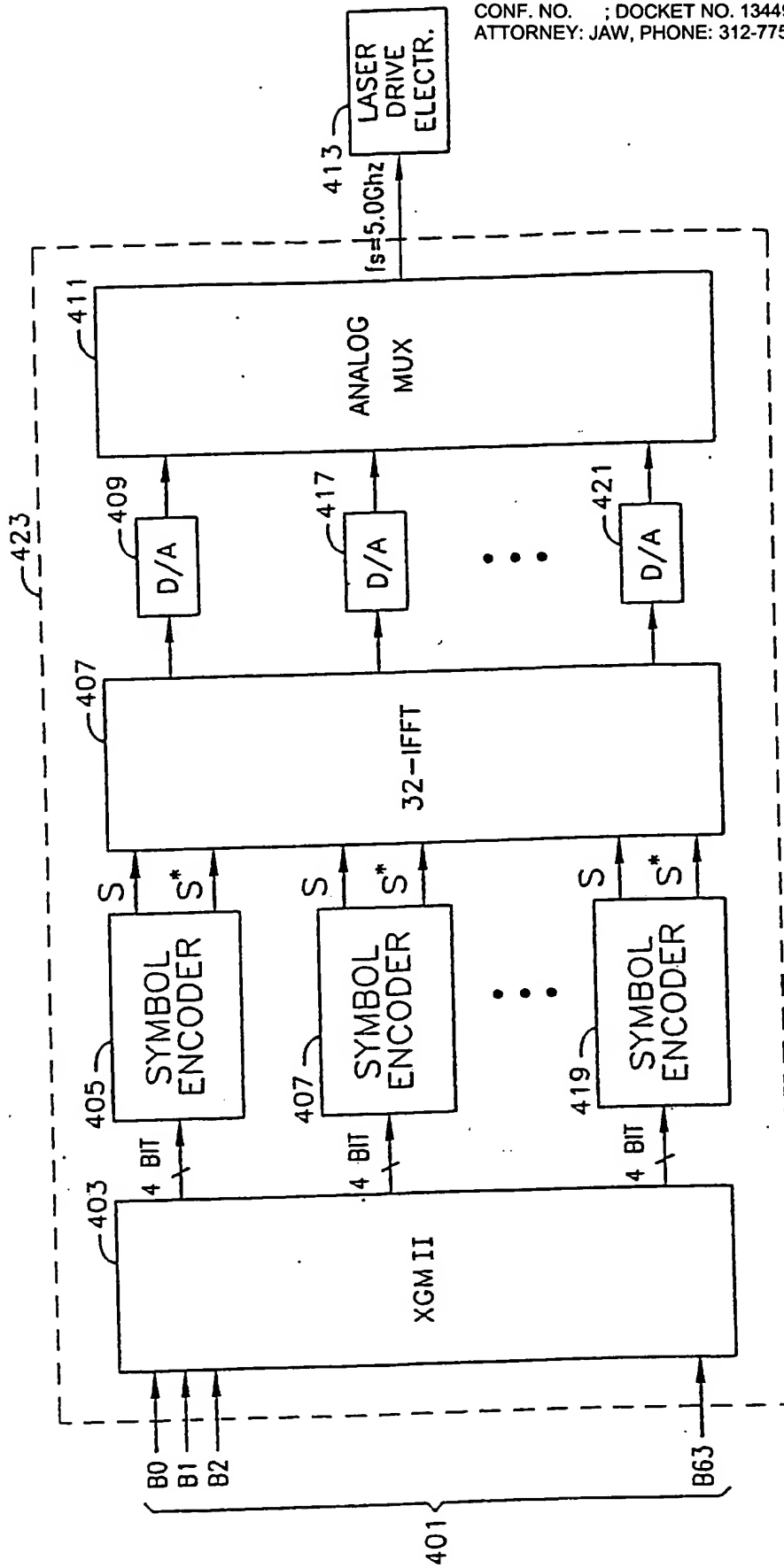


FIG. 4

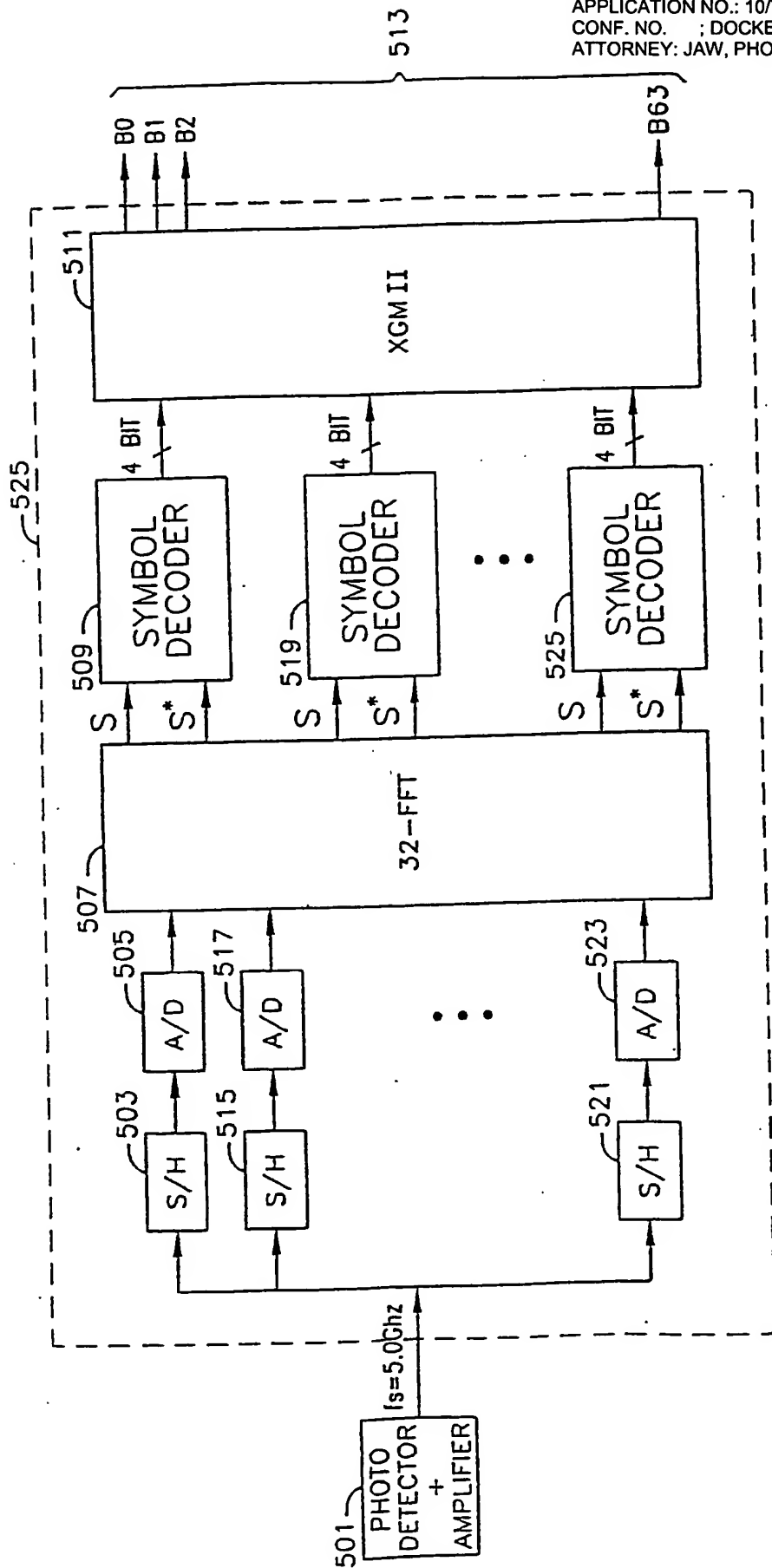


FIG. 5

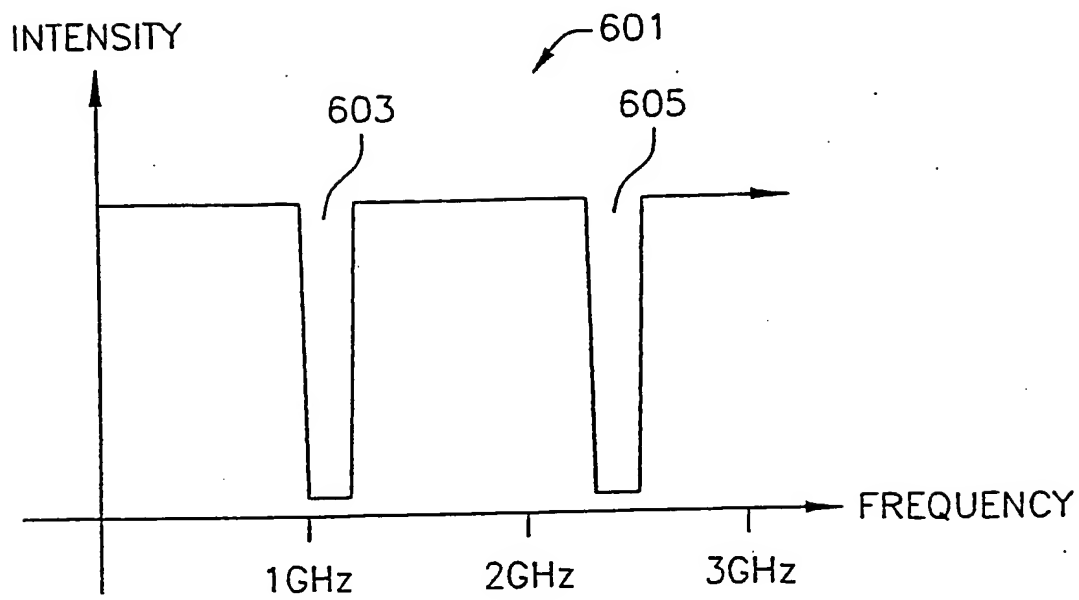


FIG. 6

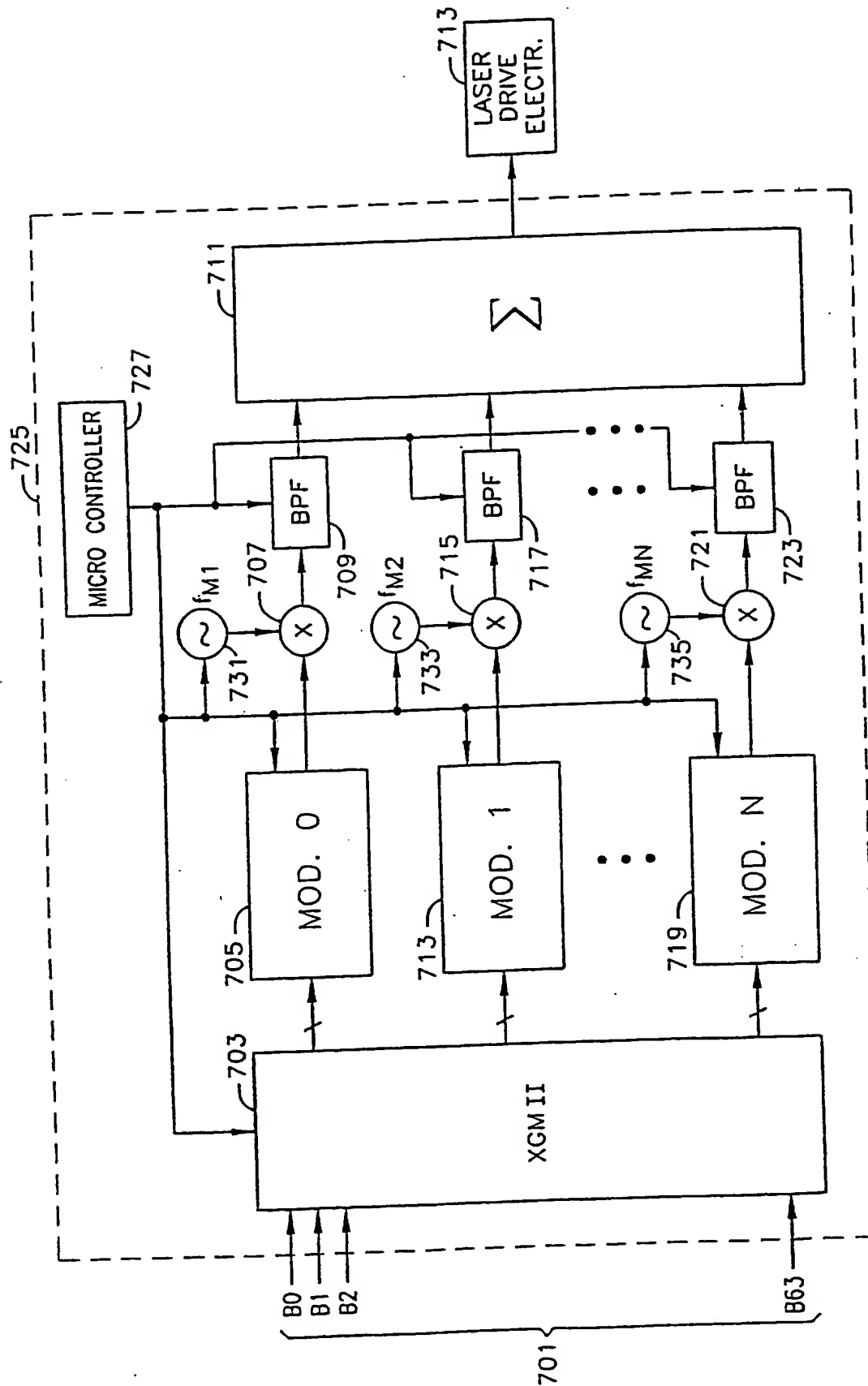
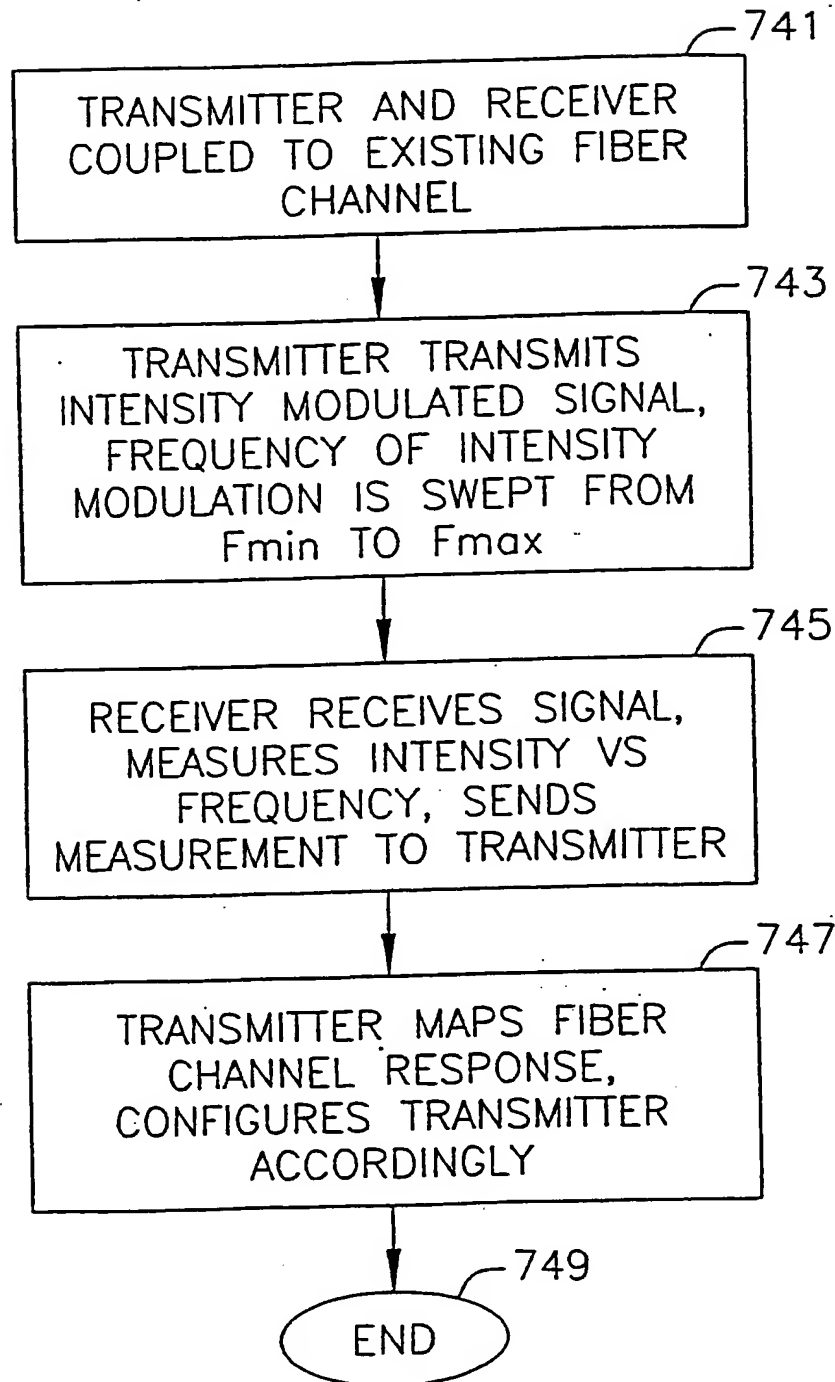


FIG. 7A

FIG. 7B



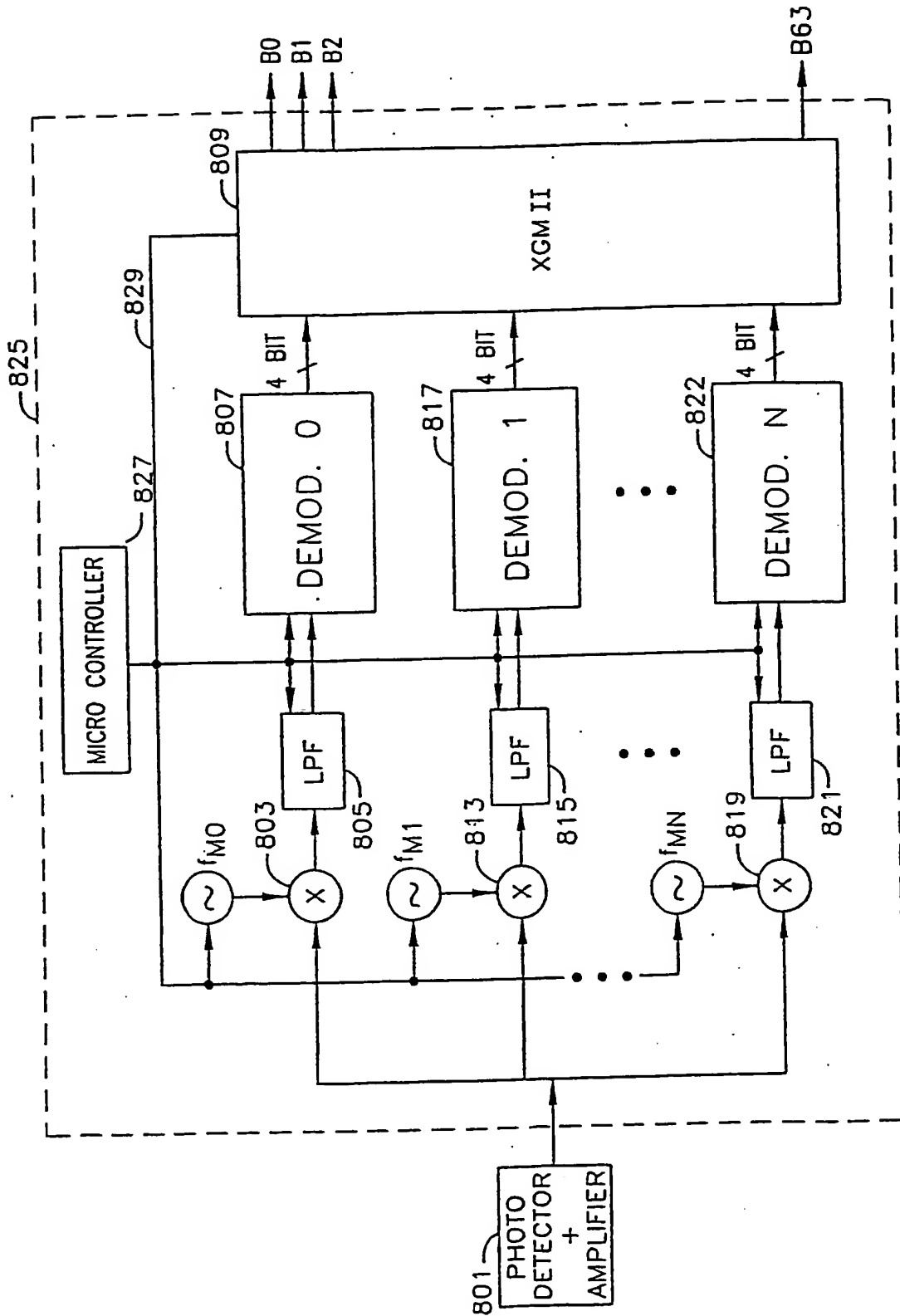
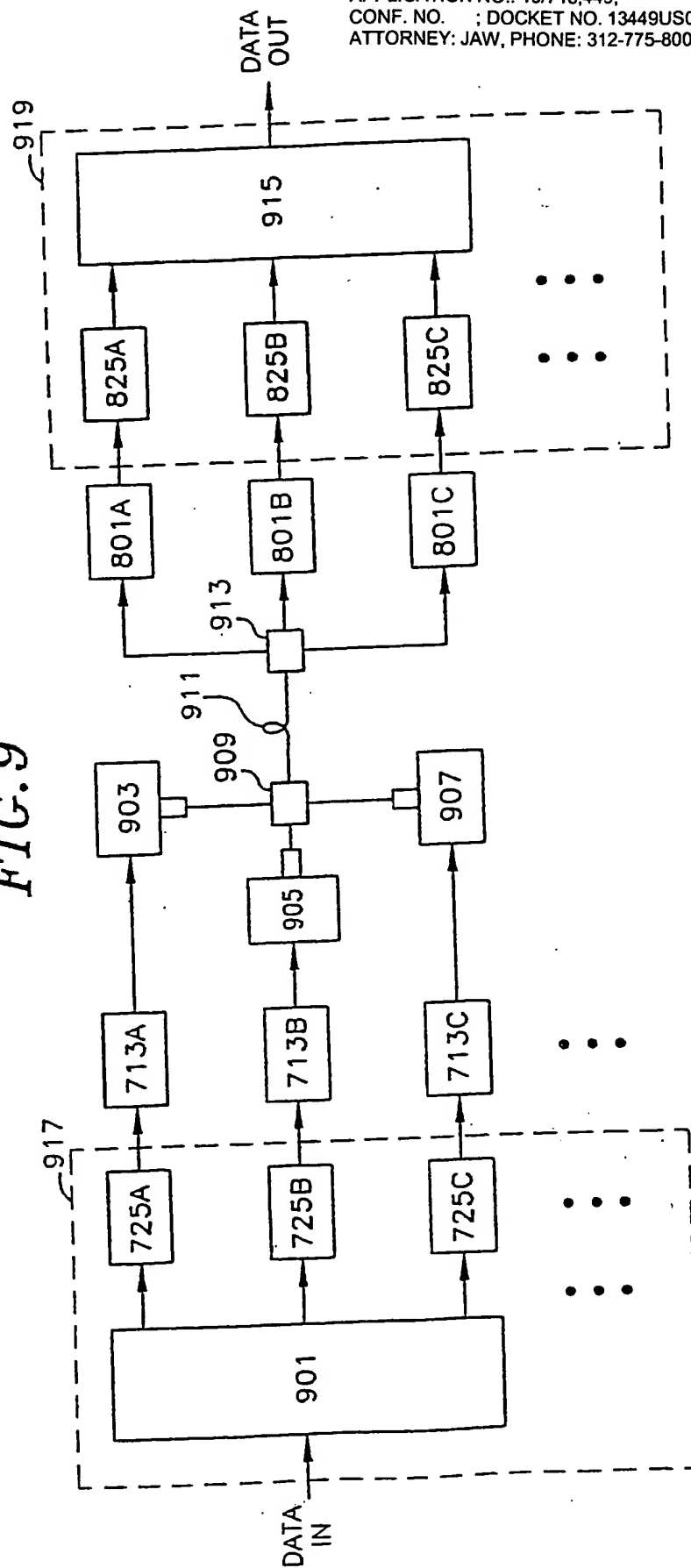


FIG. 9



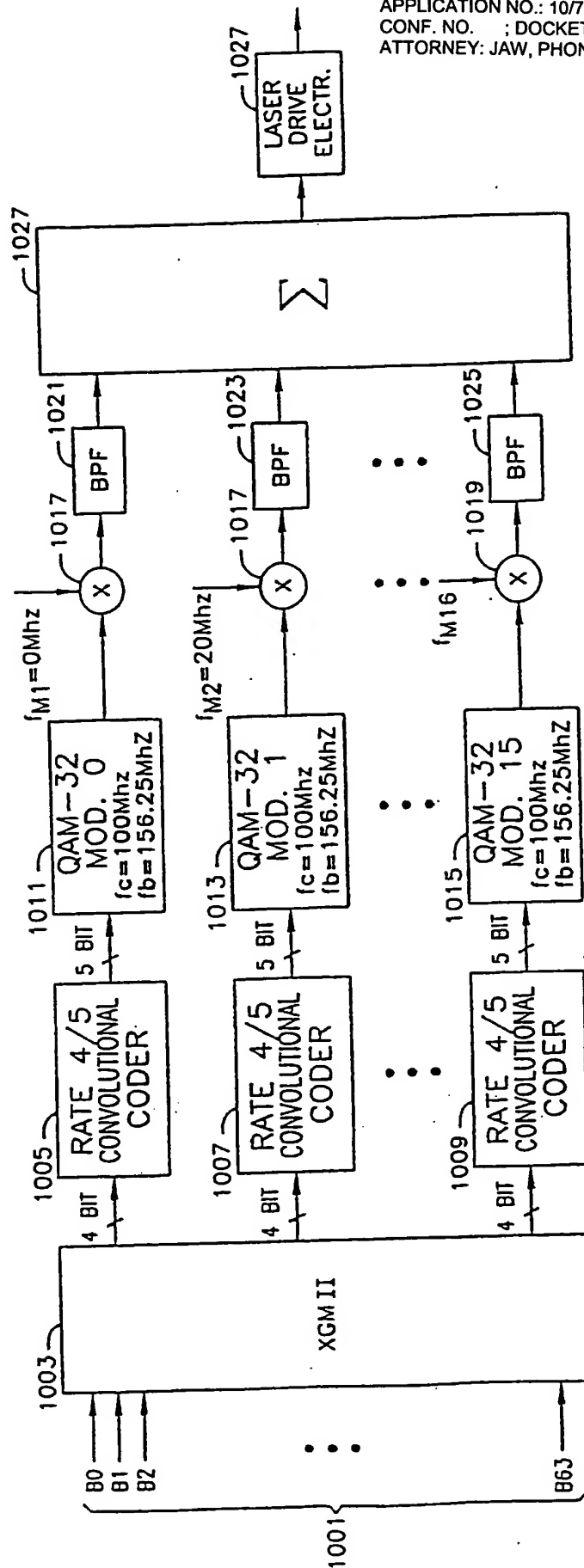


FIG. 10

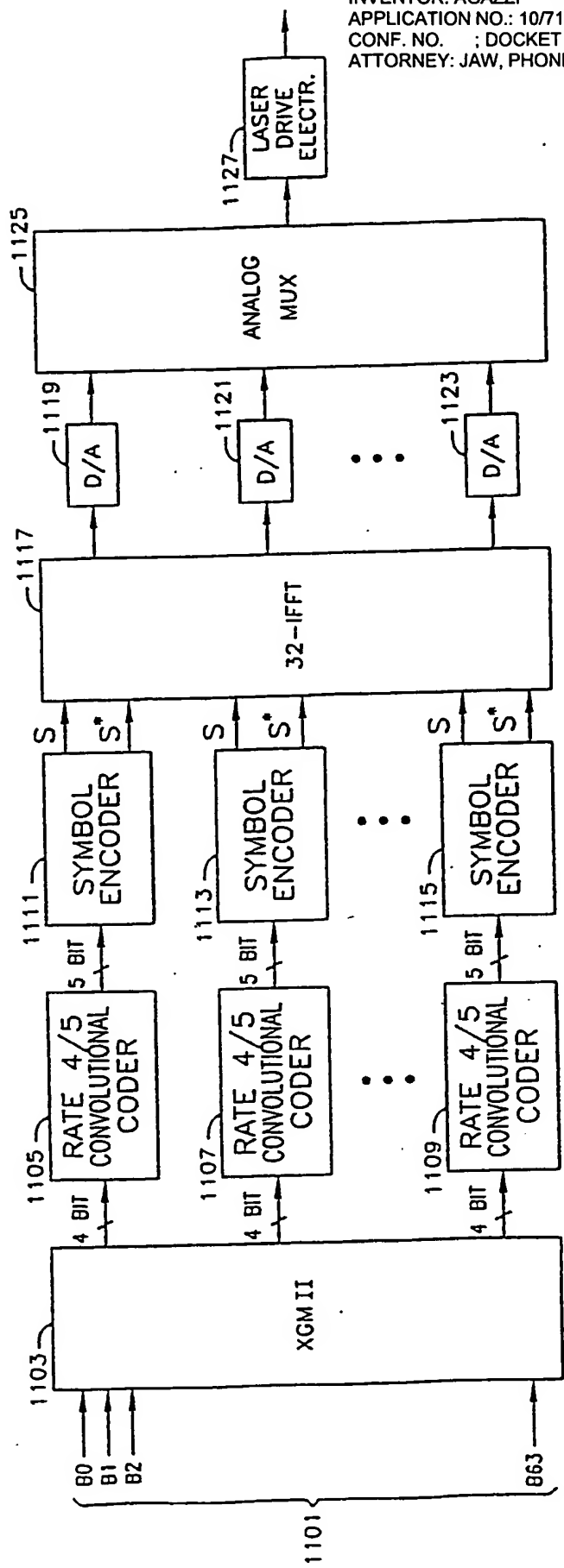


FIG. 11

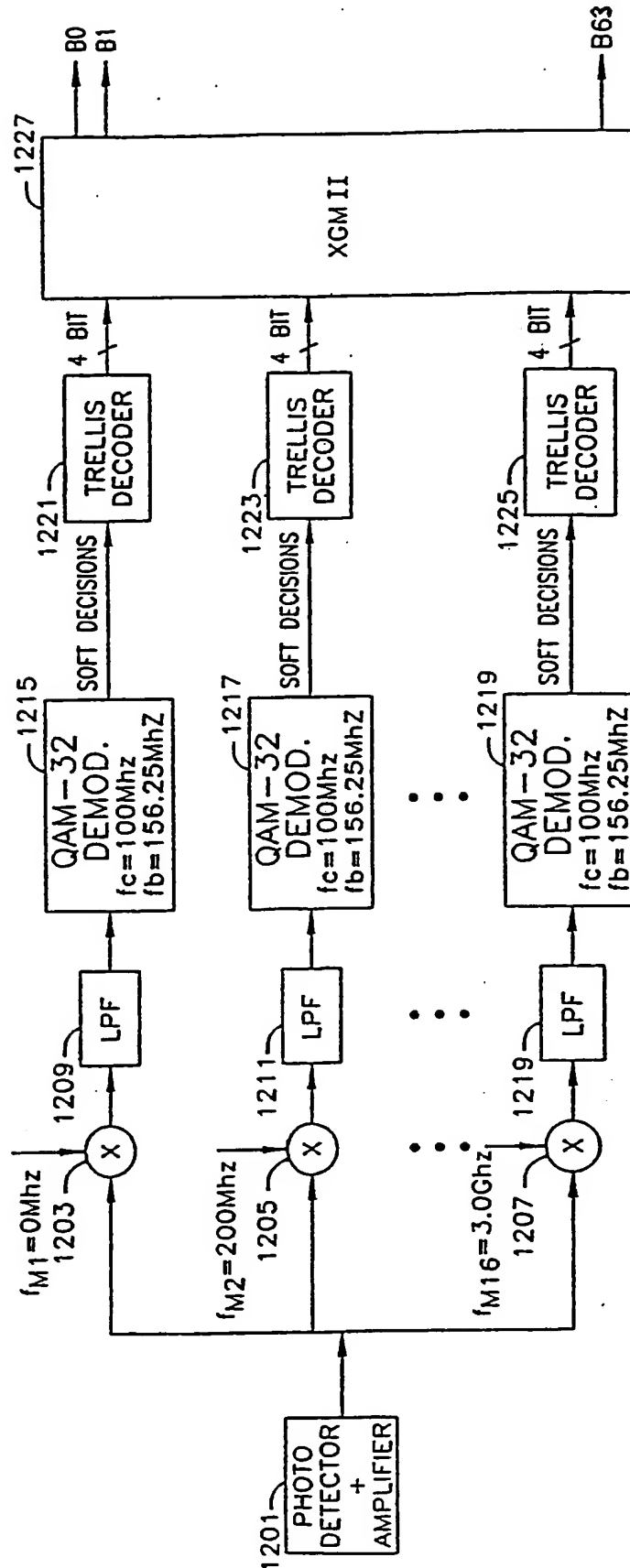


FIG. 12

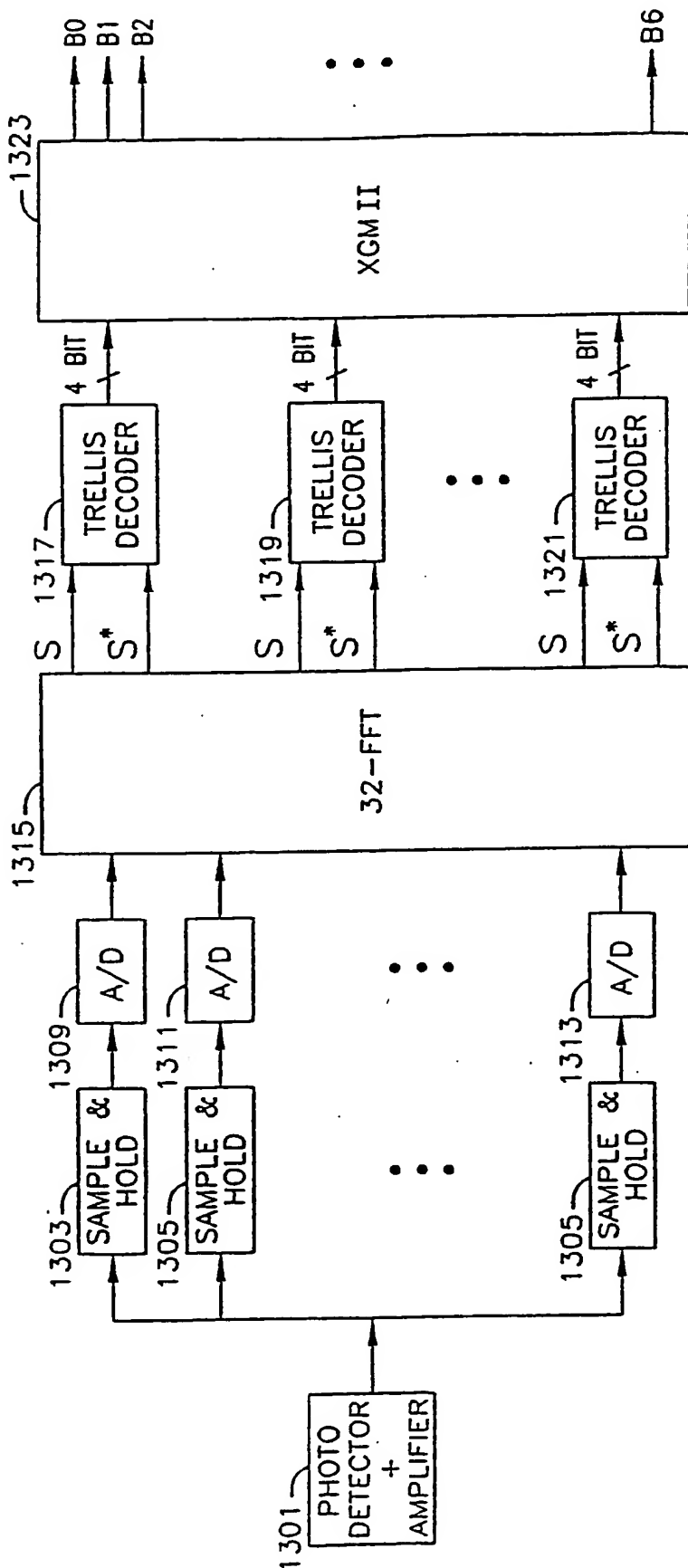


FIG. 13